CERTIFICATION SYLLABUS

Agile Practitioner & Methods

Exam Code: C-APM™



A complete preparation guide covering exam objectives, core competencies, domain weightage, and topics to prepare.

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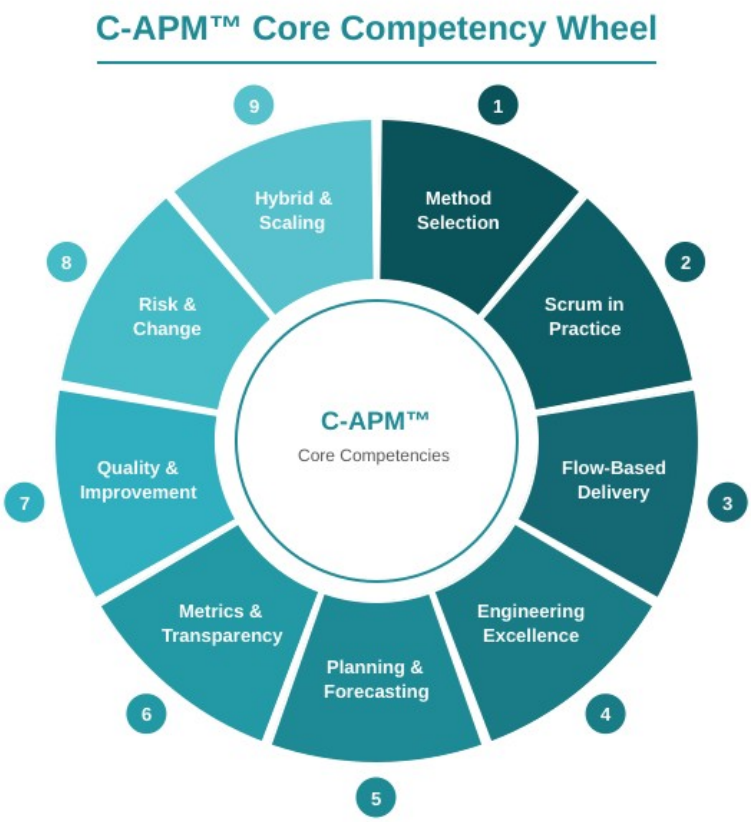
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Objective of the Certification

- **Validate practitioner-level Agile skills:** the ability to apply Agile methods in real projects, beyond definitions and vocabulary.
- **Strengthen method knowledge:** apply Scrum, Kanban, Lean, and Extreme Programming (XP) in practice, and understand how they differ.
- **Choose the right approach:** match an Agile method, or a blend of methods, to the type of work, team, and context.
- **Run Agile ceremonies and workflows well:** planning, daily coordination, reviews, retrospectives, and flow management.
- **Plan, estimate, and forecast realistically:** use relative estimation, velocity, cycle time, and release planning.
- **Apply engineering and quality practices:** continuous integration, test-driven development, refactoring, and a shared Definition of Done.
- **Measure what matters:** read and act on burndown charts, cumulative flow diagrams, lead time, and throughput.
- **Manage risk, impediments, and change:** handle them in an adaptive, transparent way.
- **Prepare for hybrid and scaled settings:** understand how Agile methods coexist with traditional processes and larger programs.
- **Build a path to advanced credentials:** a basis for Scrum, Product Owner, scaled Agile, and Agile leadership certifications.

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Core Competencies — C-APM™ (Agile Practitioner & Methods)



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- **Method selection:** compare Scrum, Kanban, Lean, XP, and hybrid approaches, and justify a choice for a given scenario.
- **Scrum in practice:** run Sprint planning, daily scrums, reviews, and retrospectives, and manage the product and Sprint backlogs.
- **Flow-based delivery:** design Kanban boards, set WIP limits, manage service classes, and improve flow.
- **Engineering excellence:** apply CI/CD basics, TDD, pair programming, refactoring, and collective code ownership.
- **Planning and forecasting:** estimate relatively, track velocity, and plan releases and roadmaps.
- **Metrics and transparency:** use burndown, burnup, cumulative flow, cycle time, and throughput to make decisions.
- **Quality and improvement:** apply the Definition of Done, manage technical debt, and drive continuous improvement through retrospectives.
- **Risk and change handling:** identify risks early, remove impediments, and adapt plans without losing control.
- **Hybrid and scaling awareness:** blend Agile with traditional governance, and recognize basic coordination needs across teams.

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Who Should Take This Certification

- Team members with some Agile exposure who want to move from foundational knowledge to practical application.
- Scrum Masters, team leads, and Agile coordinators strengthening their method knowledge.
- Product Owners, business analysts, and product managers working inside Agile teams.
- Developers, testers, and DevOps engineers who want to improve how their team delivers.
- Project managers moving from traditional to Agile or hybrid delivery.
- Professionals who have completed an entry-level credential such as CAFB™ and want to progress.

Exam Information

Exam Name	Agile Practitioner & Methods
Exam Code	C-APM™
Exam Format	Multiple Choice Questions (MCQ), including scenario-based questions
Duration	100 minutes
Number of Questions	80
Passing Score	70%
Mode of Exam	Test Center Based Testing / Online Testing
Language	English
Validity	Lifetime
Open Book	No

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Examination Domain & Weightage

Domain	Weightage
Agile Principles & Method Selection	15%
Scrum in Practice	20%
Kanban & Flow-Based Methods	15%
Lean, XP & Engineering Practices	15%
Agile Planning, Estimation & Metrics	15%
Agile Quality, Risk & Continuous Improvement	10%
Hybrid Approaches, Scaling Basics & Adoption	10%
Total	**100%**

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Topics to Prepare — C-APM™ (Agile Practitioner & Methods)

The topics below represent the core areas candidates should focus on for each domain, reflecting the practitioner-level depth expected at the C-APM™ level.

1. Agile Principles & Method Selection (15%)

- **Agile values and principles:** how they guide decisions in real situations.
- **Predictive, iterative, incremental, and adaptive models:** when each works best.
- **Method comparison:** Scrum vs. Kanban vs. XP vs. Lean.
- **Selecting an approach:** team size, uncertainty, type of work (project vs. continuous flow), and constraints.

2. Scrum in Practice (20%)

- **Roles, events, and artifacts:** how they work in daily practice.
- **Sprint planning and the Sprint goal:** forecasting what can be done.
- **Daily scrum and Sprint review:** purpose, outcomes, and common pitfalls.
- **Retrospectives:** formats and turning insights into actions.
- **Product backlog management:** refinement, ordering, and slicing stories.

3. Kanban & Flow-Based Methods (15%)

- **Visualizing workflow:** columns, policies, and board design.
- **WIP limits:** purpose and effects on flow.
- **Pull systems:** how work moves through stages.
- **Classes of service:** expedite, fixed date, standard, and intangible work.
- **Flow improvement:** identifying bottlenecks and reducing blockers.

4. Lean, XP & Engineering Practices (15%)

- **Lean principles:** waste (muda), value stream, and flow.
- **XP values and practices:** pair programming, TDD, simple design, and collective ownership.
- **Continuous integration and delivery:** automated builds, tests, and small batches.
- **Refactoring and technical debt:** why and when to address them.

5. Agile Planning, Estimation & Metrics (15%)

- **Relative estimation:** story points, planning poker, and affinity estimation.
- **Velocity and capacity:** forecasting and its limits.
- **Release and roadmap planning:** progressive refinement of plans.

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- **Metrics:** burndown/burnup charts, cumulative flow diagrams, cycle time, lead time, and throughput.
- **Using data for decisions:** and avoiding misuse of metrics.

6. Agile Quality, Risk & Continuous Improvement (10%)

- **Definition of Done and acceptance criteria:** how they differ and work together.
- **Agile testing mindset:** testing as a team-wide activity.
- **Risk and impediment management:** raising, tracking, and resolving issues early.
- **Continuous improvement:** retrospectives, experiments, and feedback loops.

7. Hybrid Approaches, Scaling Basics & Adoption (10%)

- **Hybrid delivery:** combining Agile with traditional governance and fixed-scope contracts.
- **Scaling basics:** coordination across teams, dependencies, and shared backlogs.
- **Adoption challenges:** culture, leadership support, and resistance to change.
- **Anti-patterns:** “Agile in name only”, unavailable Product Owners, and skipped retrospectives.

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